

writer said, take the trouble to look about at leisure and take note of the nearest exit in case of trouble. Do you yourself? The squirrel's mental reaction was similar. His way of escape was back the way he came, even in the face of danger, though a wide lake stretched before him.

Incidentally the episode gave us some evidence as to the keenness of the eyesight of the little animal. Not only had he seen us some couple of hundred yards away, but apparently he had chosen the narrowest part of the lake for his swim to the mainland.

ADDITIONS TO THE FUNGUS FLORA OF ANTICOSTI ISLAND AND GASPE PENINSULA¹

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THE FUNGI reported below were collected by Mr. J. Adams when he visited Anticosti Island and the Gaspé Peninsula, Quebec, in July and August 1935. With few exceptions, which are indicated, these fungi were not reported in his paper² based on his collections made in 1933 and 1934. Short notes on some of the more interesting finds have also been added.

My best thanks are due Mr. Adams for placing these collections at my disposal for study and report. I am also indebted to him for his determination of the host plants.

PHYCOMYCETES

Pasmopara pygmaea (Unger) Schroet. On *Anemone parviflora*, cliff walk, Percé.

ASCOMYCETES

Claviceps purpurea (Fr.) Tul. On *Oryzopsis asperifolia*, along logging railway, Princeton Lake, Anticosti. Previously reported on *Poa eminens* and *Secale cereale*.

Cryptomyces Pteridis (Rebent.) Rehm. On *Pteridium aquilina*, Bic. This collection on the current year's fronds disclosed the conidial stage, *Fusidium Pteridis* Kalchbr.

Fabraca Ranunculi (Wallr.) Karst. On *Ranunculus acris*, ravine, mountain road, Percé.

USTILAGINALES

Cintractia Caricis (Pers.) Magn. On *Carex aquatilis*, logging road, Anticosti, and *C. Buxbaumii*, marsh, near Chateau Menier, Anticosti. Previously reported on *Carex* sp.

Urocystis Anemones (Pers.) Wint. On *Anemone riparia*, cliff walk, Percé.

UREDINALES

Cronartium ribicola J. C. Fischer. On *Ribes glandulosum*, Gaspé and Percé. Previously reported on *Ribes* sp. at Percé. This introduced rust may apparently be collected in Eastern Canada wherever *Pinus Strobus* grows.

Gymnosporangium clavipes Cke. & Pk. On *Amelanchier canadensis*, Bic.

G. Juniperi, Lk. (*G. aurantiacum* Chev., *G. cornutum* Arth.). On *Sorbus americana*, Bic.

Hyalopsora Cheilanthis (Pk.) Arth. On *Cryptogramma Stelleri*, along stream from grotto, Percé. Not previously reported in Canada or in North-eastern United States.

Melampsorella Cerastii (Pers.) Schroet. On *Stellaria borealis* and *S. longipes*, Anticosti, 1934. These two collections were omitted from the previous report.

Nyssopsora clavellosa (Bark.) Arth. On *Aralia nudicaulis*, Ellis Bay, Anticosti; and mountain road, Percé. This rust is known from Saskatchewan eastward and is represented in the Division of Botany Herbarium by five other collections from the Gaspé Peninsula.

Puccinia Asteris Duby. On *Aster acuminatus*, Cacouna.

P. Circaeae Pers. On *Circaea alpina*, cliff walk, Percé. Previously reported from Gaspé County (Can. Pl. Dis. Survey Rept. 13:109, 1934).

P. conglomerata (Str.) Schmidt & Kunze. On *Petasites palmatus*, Anse aux Fraises, Anticosti.

P. coronata Cda. On *Rhamnus alnifolia*, along logging road, Anticosti.

P. Linkii Klotzsch. On *Viburnum pauciflorum*, Percé. Two collections.

¹ Contribution No. 448 from the Division of Botany, Experimental Farms Branch, Department of Agriculture, Ottawa, Canada.

² Adams, J. Some fungi from Anticosti Island and Gaspé Peninsula. *The Can. Field-Naturalist* 49:107-108, 1935.

P. porphyrogenita Curt. On *Cornus canadensis*, Gaspé. This species is already known from Gaspé County (Can. Pl. Dis. Survey Rept. 13:110, 1934).

P. Pulsatillae Kalchbr. On *Anemone parviflora*, Percé. The Quebec record of this rust on *A. parviflora* published in the N. Am. Flora 7:528, 1922, is based on a collection made by Fernald on the Bonaventure River, August, 1904. (Arthur Herb. 38867)³.

P. punctata Lk. On *Galium palustre*, open damp meadow, Port Menier, Anticosti. Scarce. Although the rust has been reported on *G. palustre* from Europe, no previous record of its occurrence on this host in North America has been located.

P. sessilis Schneid. On *Iris versicolor*, Ellis Bay, Anticosti.

Puccinia sp. On *Conioselinum chinense* (*C. canadense*), Percé. The aecia of an undetermined rust were collected on *C. chinense* by Mr. Adams on Anticosti in 1933 and reported in his paper as *Aecidium* sp. In the same collection a few telia were present. In the Percé collection telia of the same rust are abundant, while a few old aecial infections may be found. This rust appears to be an undescribed autoecious rust lacking a uredinial stage.

Pucciniastrum Abieti-Chamaenerii Kleb. On *Epilobium angustifolium*, Gaspé and Percé. A common rust.

P. Agrimoniae (Schw.) Tranz. On *Agrimonia striata*, Carleton. Probably not uncommon.

Uromyces Gentianae Arth. On *Gentiana stricta* Michx., Anticosti, 1933. Previously reported on *Pleurogyne rotata* from Quebec, August 3, 1905. (Arthur Herb. 16942).

Uromyces Hedysari-obscuri (DC.) Car. & Picc. On *Hedysarum boreale*, sea cliffs, Percé. Common in the park land districts of Alberta, Saskatchewan, and Manitoba, but

previously unreported in eastern North America.

U. Trifolii (Hedw f.) Lév. var. *Trifolii-repentis* (Liro) Arth. On *Trifolium repens*, Gaspé.

BASIDIOMYCETES

Amanita muscaria Fr. Along grotto trail, Percé.
Clavaria sp. Mountain road, Percé.

FUNDI IMPERFECTI

Cercospora caricina Ell. & Dearn. On *Carex arctata*, cliff road, Percé. (Det. by Charles Chupp).

Cylindrosporium hiemalis Higgs. On *Prunus pennsylvanica*, Carleton. The leaves were affected by a well defined shot-hole disease and although the fungus was only beginning to fruit, it appeared to be the above.

Phleospora Anemones Ell. & Kell. On *Anemone riparia*, cliff walk, Percé. Previous records in the Division of Botany Herbarium are from the Prairie region of the continent.

Septoria increscens Pk. On *Trientalis americana*, mountain road, Percé.

S. micropunctata Ell. & Ev. On *Conioselinum chinense*, Percé. (Det. by J. Dearness). This *Septoria* on *Conioselinum* agrees with the published description of *S. micropuncta* except the spores are slightly longer and narrower. It is not *S. Petroselini* Desm. var. *Treleasiana* Sacc. & Scallia, reported on *Conioselinum*.

Stagonospora Galii Fautr. On *Galium palustre*, Port Menier, Anticosti. Scarce. Pycnidia amphigenous, numerous, scattered, on fading leaves, which finally turn brown, deeply embedded, finally erumpent, nearly globose, 110-125 microns in diam., without a well defined ostiole, opening widely at maturity; walls of the perithecium thin, pale brown; conidia extruded in masses, hyaline, straight or slightly curved, tapered towards the truncate or rounded ends, uniseptate with two gutulae in each cell, often slightly constricted at septum, 17-24 x 2.5-4.5 microns, mostly 20 x 3 microns. Referred to this species with some doubt.

³ I am indebted to Prof. H. S. Jackson, Dept. of Botany, University of Toronto, for the information on specimens in the Arthur Herbarium.